
Special Health Conditions in Children

Definition: Children, ages 0-17, who have any condition which limits their activities or requires ongoing medication.

Prevalence of Special Health Conditions in Children, Ages 0-17

- South Dakota 11.8%
- There is no nationwide median for special health conditions in children ages 0-17

Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for special health conditions in children ages 0-17.

Trend Analysis

This was the first year this question was asked so no trend analysis could be done.

Demographics

Gender	There was no gender difference observed from the available data regarding the prevalence of special health conditions in children.
Age	The prevalence of special health conditions in children generally increases as age increases.
Race	There are no racial differences observed from the available data regarding the prevalence of special health conditions in children.
Region	There are no regional differences exhibited from the available data regarding the prevalence of special health conditions in children.
Household Income	The prevalence of special health conditions in children does not seem to follow a pattern as household income changes.

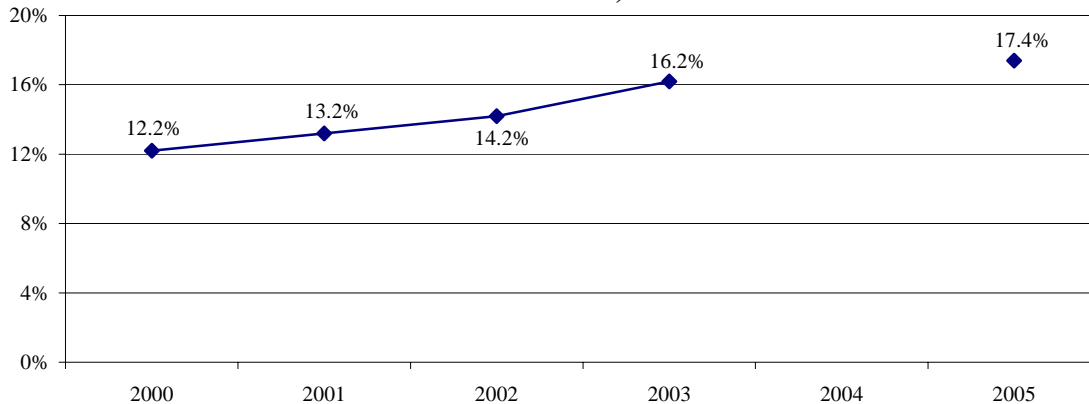
Table 96			
Children, Ages 0-17, Who Have Special Health Conditions, 2005			
Demographics	# Respondents	% Children with Special Health Conditions	95% CI
Total	1,995	11.8	(10.2-13.7)
<u>Gender</u>			
Male	1,008	12.6	(10.4-15.2)
Female	979	11.1	(8.7-13.9)
<u>Age</u>			
0-4	528	7.6	(5.1-11.0)
5-9	449	12.4	(9.4-16.2)
10-14	536	12.3	(9.3-16.2)
15-17	417	16.0	(11.9-21.3)
<u>Race</u>			
White	1,638	11.1	(9.4-13.1)
American Indian	273	14.3	(9.6-20.8)

Table 96 (continued)			
Children, Ages 0-17, Who Have Special Health Conditions, 2005			
Demographics	# Respondents	% Children with Special Health Conditions	95% CI
<u>Region</u>			
Southeast	475	12.7	(9.7-16.4)
Northeast	425	10.3	(7.5-14.0)
Central	346	10.1	(6.8-14.9)
West	476	12.9	(10.0-16.5)
American Indian Counties	273	11.3	(7.5-16.7)
<u>Household Income</u>			
Less than \$20,000	254	17.8	(12.3-25.1)
\$20,000-\$24,999	157	12.8	(7.7-20.5)
\$25,000-\$34,999	246	13.0	(8.7-19.2)
\$35,000-\$49,999	417	9.3	(6.4-13.4)
\$50,000-\$74,999	411	13.1	(9.7-17.3)
\$75,000+	361	8.7	(5.7-13.1)

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005

Since 2000, the percentage of respondents whose children's activities were limited or required medication due to a medical condition is shown below in Figure 73. In 2005, 17.4 percent of households with children had at least one child with limited activities or required medication compared to 12.2 percent in 2000.

Figure 73
At Least One Child Present in Household With a Special Health Condition, 2000-2003, and 2005



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2003, and 2005

The most reported special health condition among children in 2005 was asthma at 56.1 per 1,000 children. Table 97, on the next page, displays special health conditions that respondent's children had in 2005.

Table 97
Child with a Special Health Condition, 2005

Number of Respondents	1,995
Special Health Conditions	Rate
Asthma	56.1
ADD/ADHD	17.8
Diabetes	4.5
Heart Condition	3.2
Epilepsy or Seizures	2.5
Emotional Health	2.2
Visual Impairment	2.1
Autism	1.8
Learning Disability	1.0
Cerebral Palsy	0.7
Hearing Impairment	0.3
Unspecified Condition	7.0
All Other Conditions	36.5

Note: Rates are per 1,000 children.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005